

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010924\
 Data File : VY016953.D
 Acq On : 09 Jan 2024 16:58
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 10 02:29:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

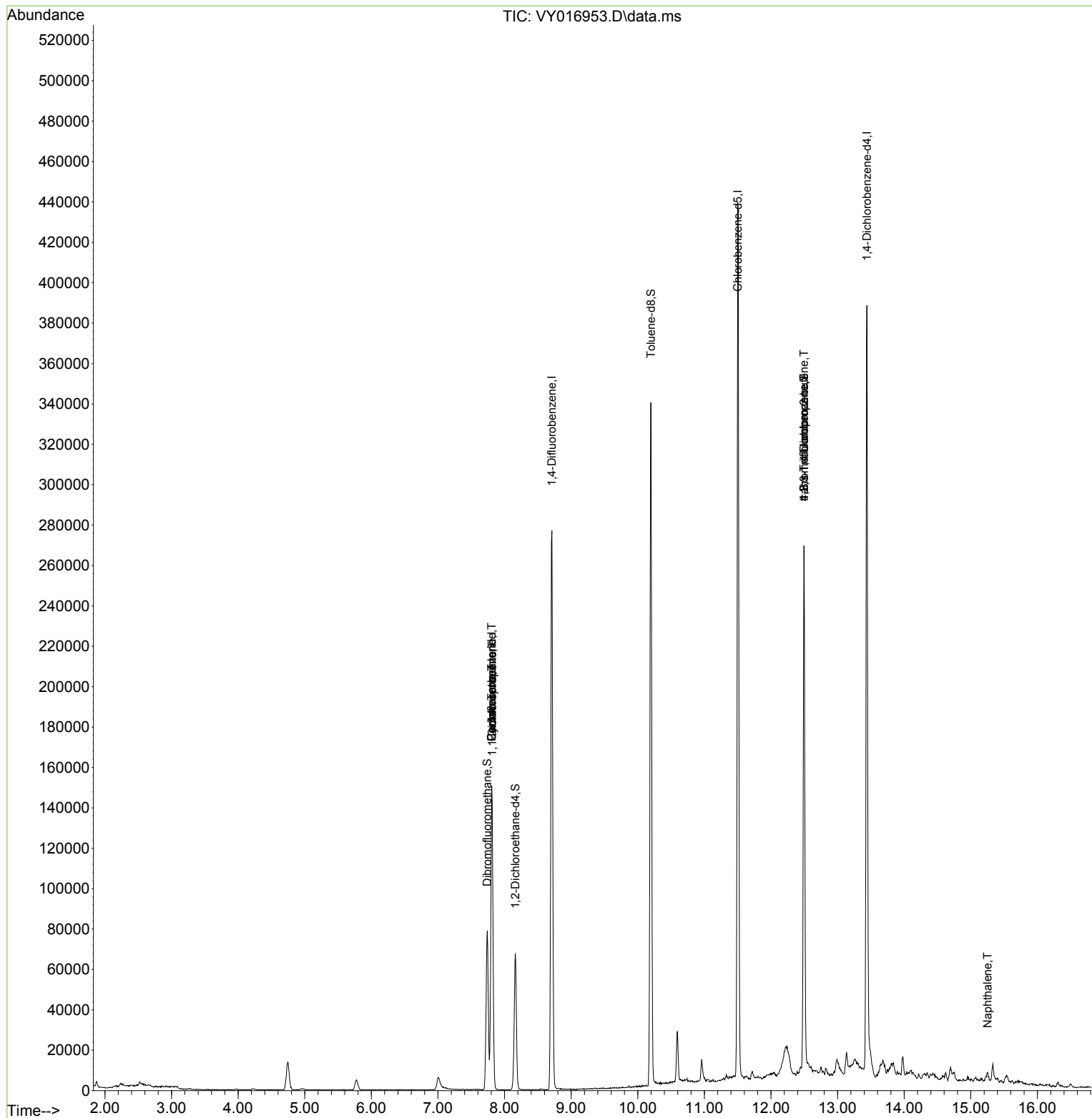
Internal Standards						
1) Pentafluorobenzene	7.807	168	112162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.710	114	241194	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	236642	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	93999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	52202	47.090	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.180%		
35) Dibromofluoromethane	7.740	113	56895	37.017	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	74.040%		
50) Toluene-d8	10.197	98	218524	41.289	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.580%		
62) 4-Bromofluorobenzene	12.496	95	75099	42.057	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	84.120%		
Target Compounds						
11) Tert butyl alcohol	4.954	59	382	Below Cal	#	75
16) Acetone	3.979	43	788	Below Cal		91
25) 2-Butanone	7.015	43	326	Below Cal	#	48
31) Cyclohexane	7.807	56	2577	1.354	ug/l #	4
36) 1,1-Dichloropropene	7.813	75	10022	4.474	ug/l #	48
38) Carbon Tetrachloride	7.807	117	11798	5.184	ug/l #	17
76) 1,2,3-Trichloropropane	12.496	75	40377	39.583	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	40377	89.883	ug/l #	13
95) Naphthalene	15.251	128	2793	1.718	ug/l #	95

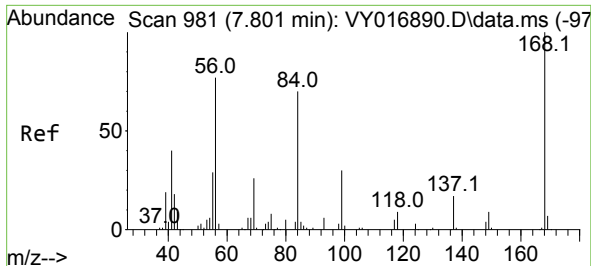
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 10 02:29:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

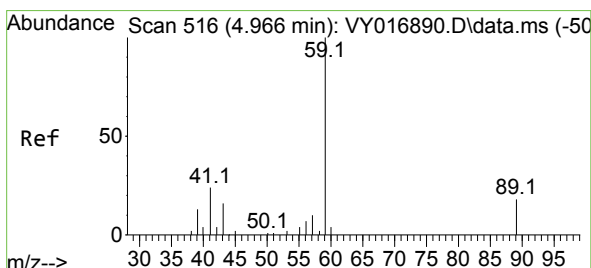
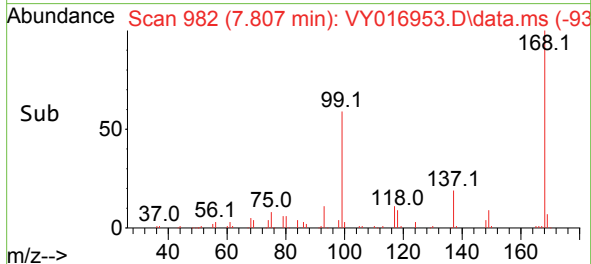
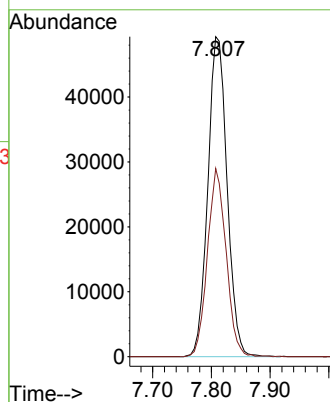
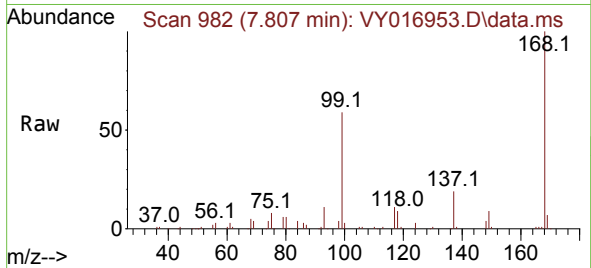




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

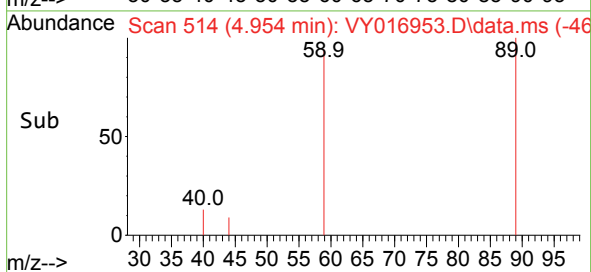
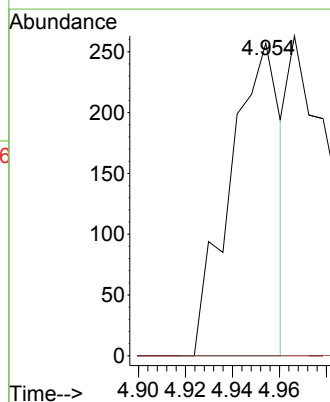
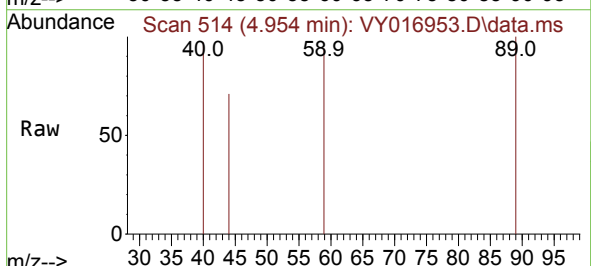
Instrument :
MSVOA_Y
ClientSampleId :

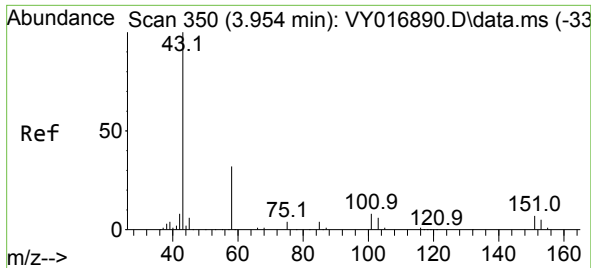
Tgt Ion:168 Resp: 112162
Ion Ratio Lower Upper
168 100
99 58.8 44.2 66.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.012 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

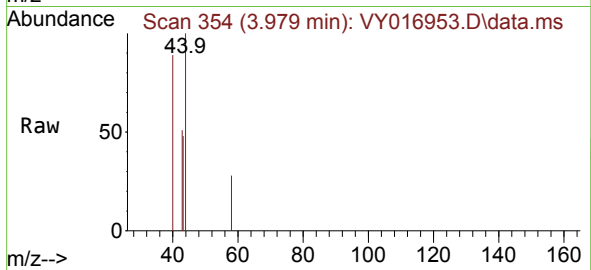
Tgt Ion: 59 Resp: 382
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#



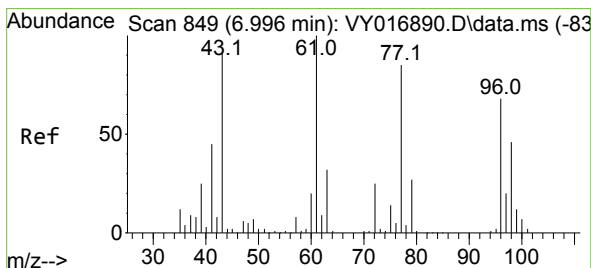
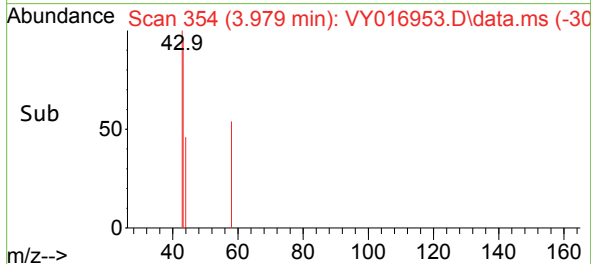
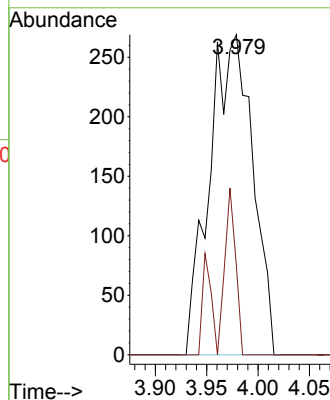


#16
Acetone
Concen: Below Cal
RT: 3.979 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

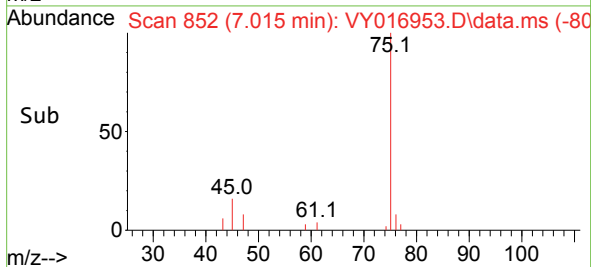
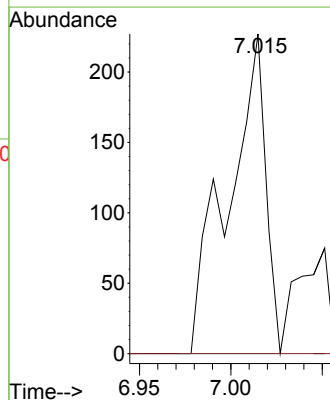
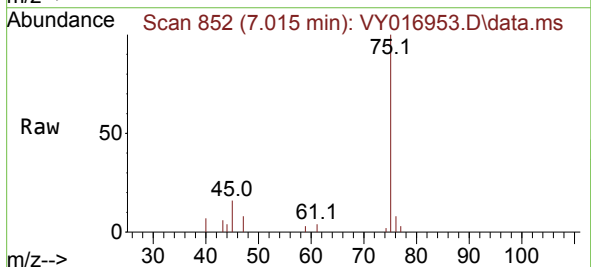


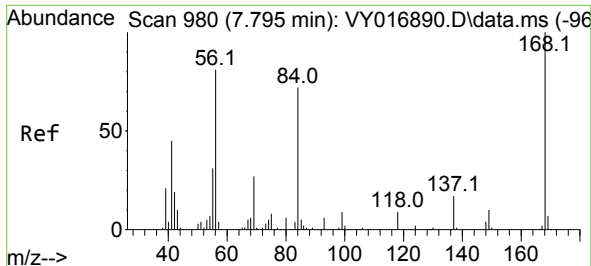
Tgt Ion: 43 Resp: 788
Ion Ratio Lower Upper
43 100
58 27.9 26.6 39.8



#25
2-Butanone
Concen: Below Cal
RT: 7.015 min Scan# 852
Delta R.T. 0.019 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

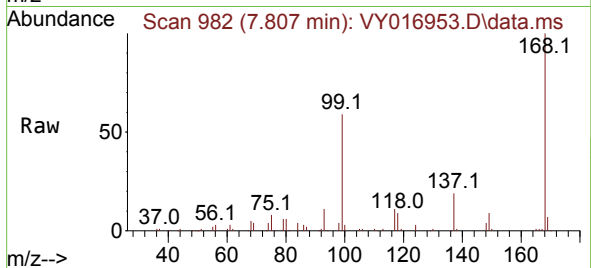
Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



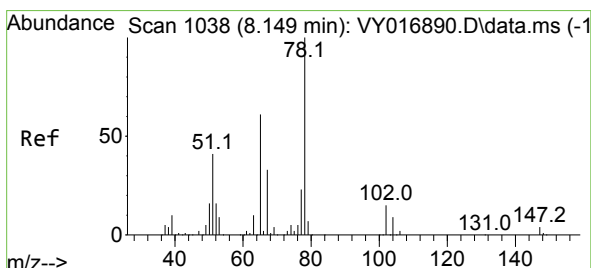
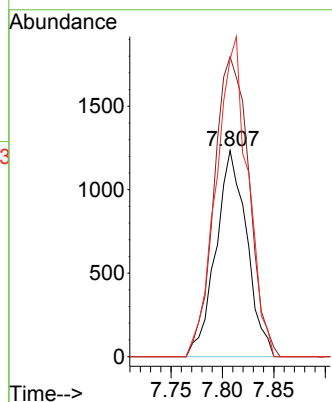
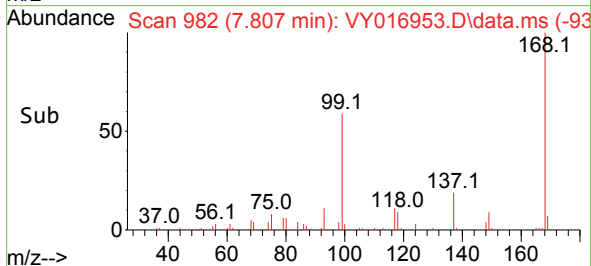


#31
Cyclohexane
Concen: 1.354 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :

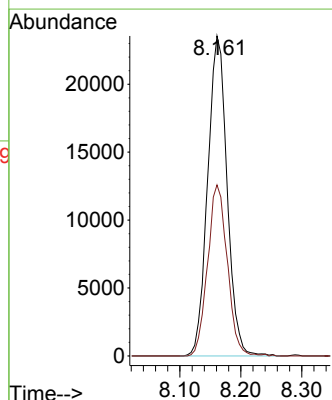
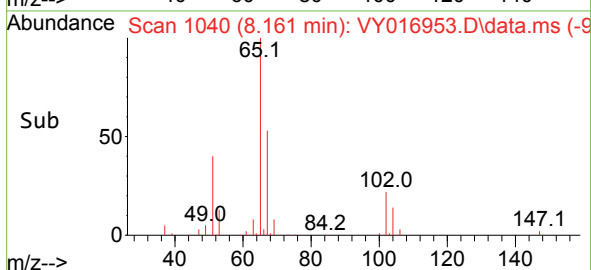
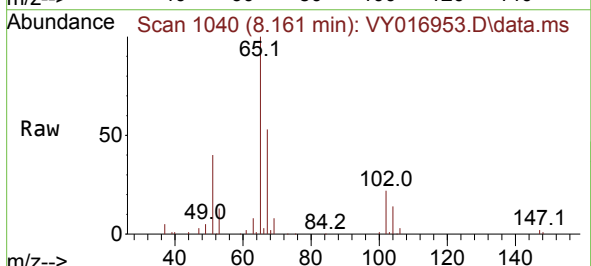


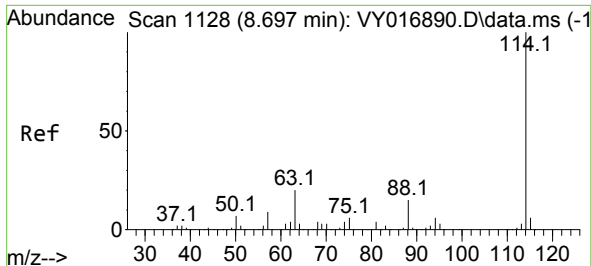
Tgt Ion: 56 Resp: 2577
Ion Ratio Lower Upper
56 100
69 145.6 27.0 40.6#
84 144.5 71.8 107.6#



#33
1,2-Dichloroethane-d4
Concen: 47.090 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Tgt Ion: 65 Resp: 52202
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.710 min Scan# 1128

Delta R.T. 0.007 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :

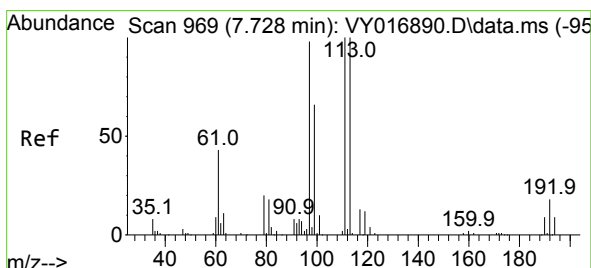
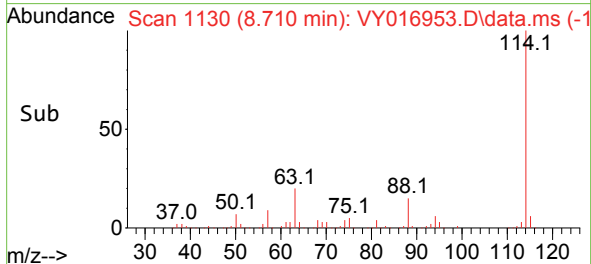
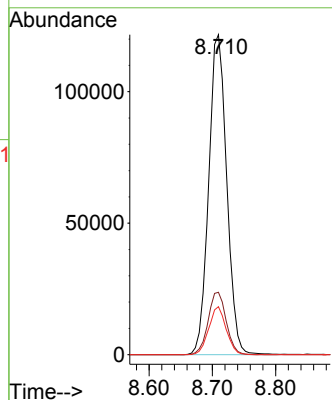
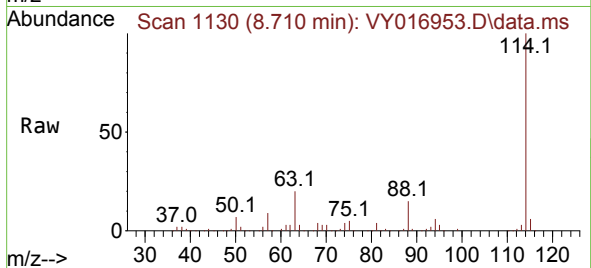
Tgt Ion:114 Resp: 241194

Ion Ratio Lower Upper

114 100

63 19.5 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 37.017 ug/l

RT: 7.740 min Scan# 971

Delta R.T. 0.012 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

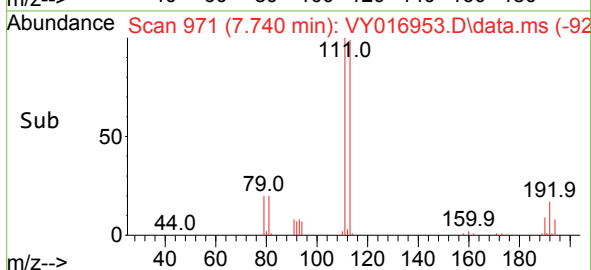
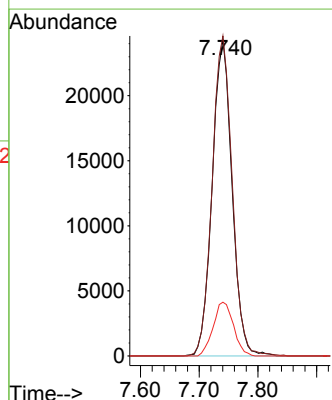
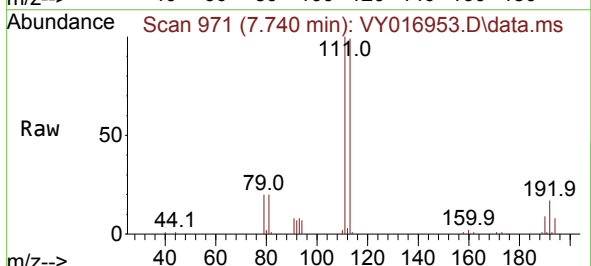
Tgt Ion:113 Resp: 56895

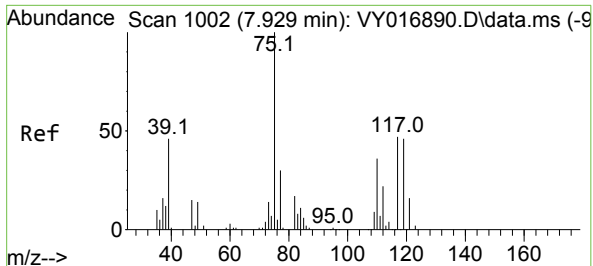
Ion Ratio Lower Upper

113 100

111 102.3 83.8 125.6

192 17.4 14.5 21.7





#36

1,1-Dichloropropene

Concen: 4.474 ug/l

RT: 7.813 min Scan# 91

Delta R.T. -0.116 min

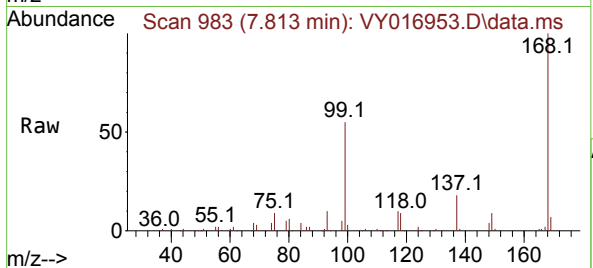
Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

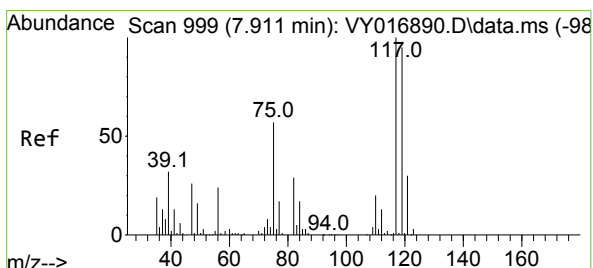
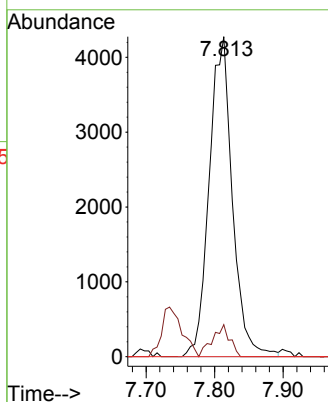
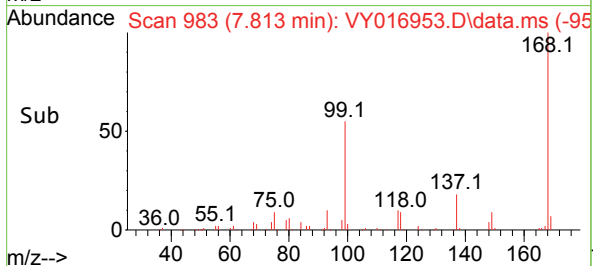
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 10022
Ion Ratio	Lower Upper
75	100
110	7.5 17.4 52.3#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.184 ug/l

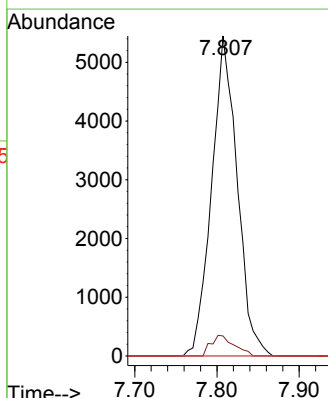
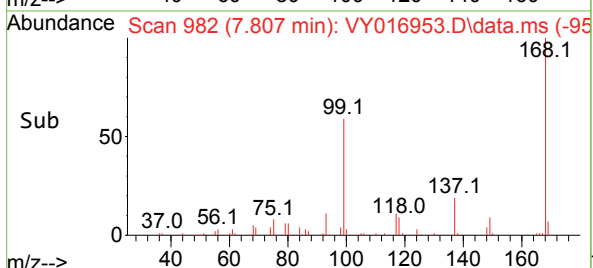
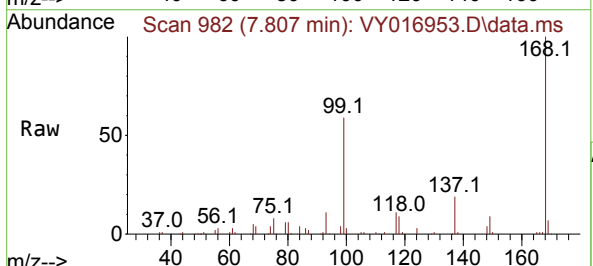
RT: 7.807 min Scan# 982

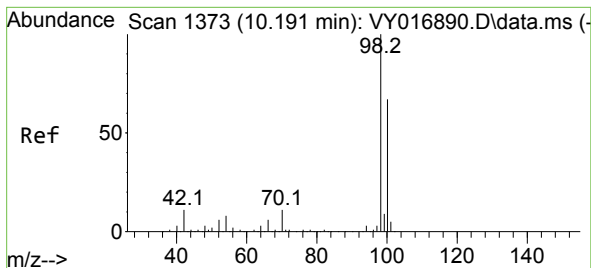
Delta R.T. -0.110 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Tgt Ion: 117	Resp: 11798
Ion Ratio	Lower Upper
117	100
119	6.3 76.0 114.0#
121	0.0 24.2 36.2#





#50

Toluene-d8

Concen: 41.289 ug/l

RT: 10.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Instrument :

MSVOA_Y

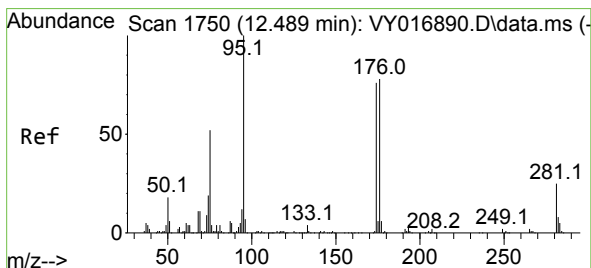
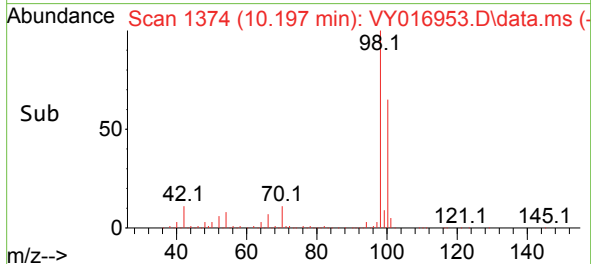
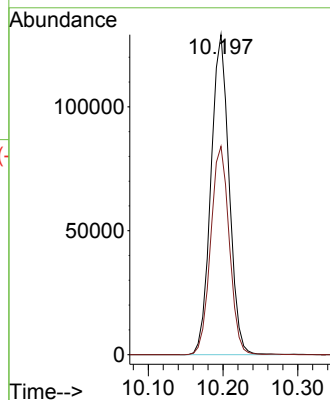
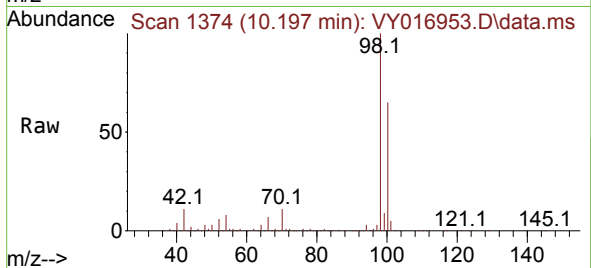
ClientSampleId :

Tgt Ion: 98 Resp: 218524

Ion Ratio Lower Upper

98 100

100 66.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 42.057 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. 0.007 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

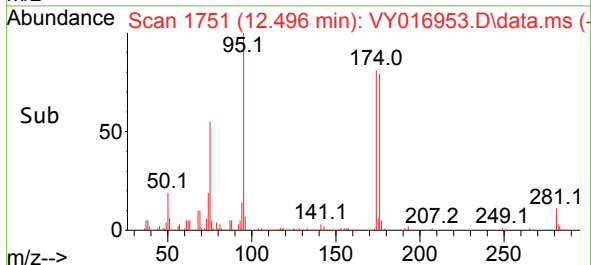
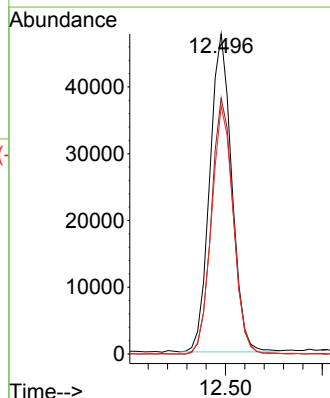
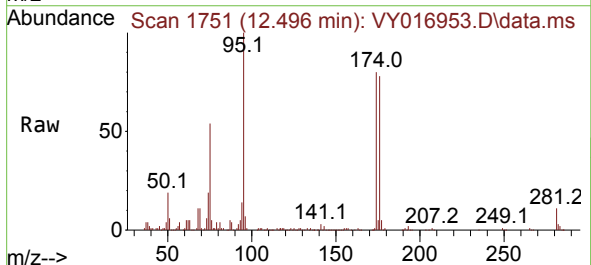
Tgt Ion: 95 Resp: 75099

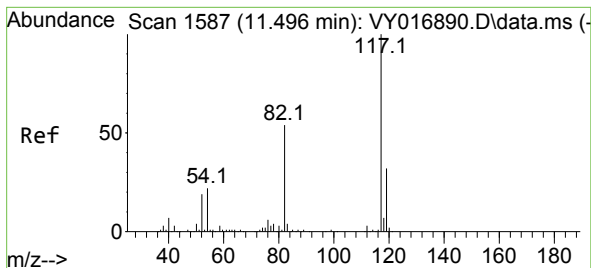
Ion Ratio Lower Upper

95 100

174 80.1 0.0 160.0

176 77.5 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. -0.000 min

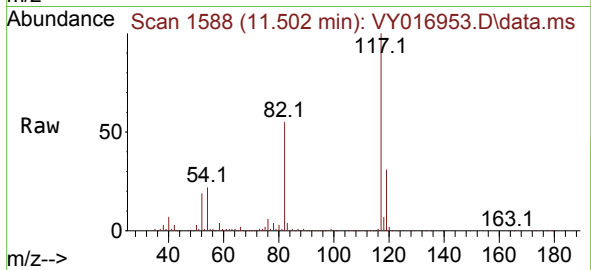
Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

Instrument :

MSVOA_Y

ClientSampleId :



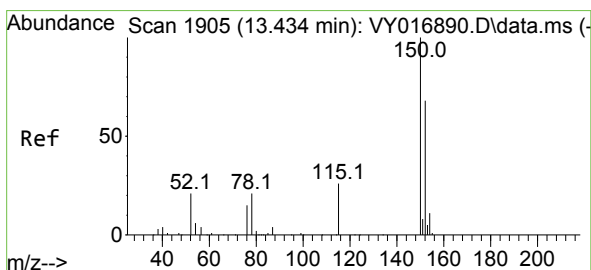
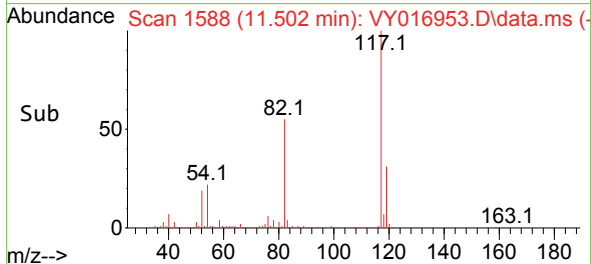
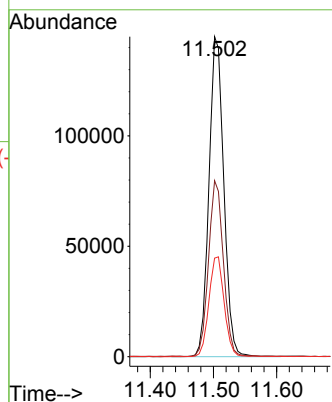
Tgt Ion:117 Resp: 236642

Ion Ratio Lower Upper

117 100

82 54.9 43.8 65.8

119 30.8 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016953.D

Acq: 09 Jan 2024 16:58

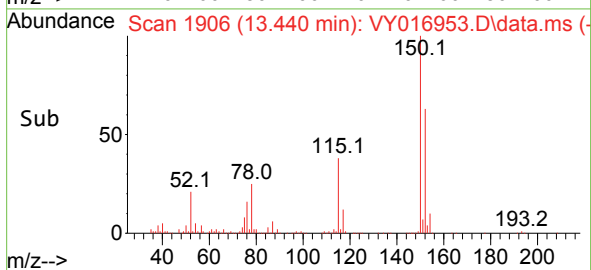
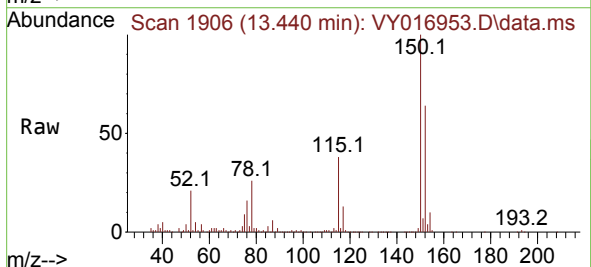
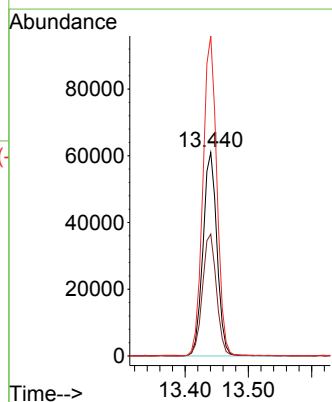
Tgt Ion:152 Resp: 93999

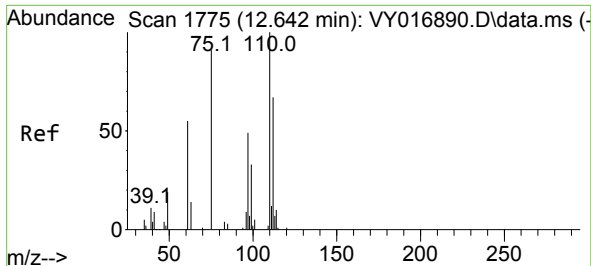
Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 156.6 0.0 344.6

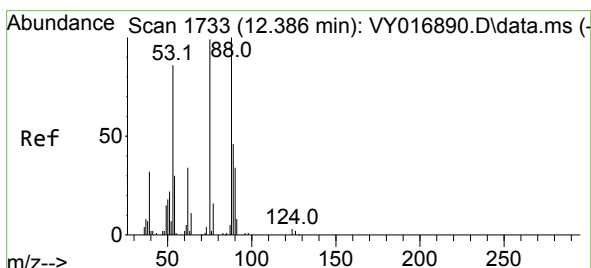
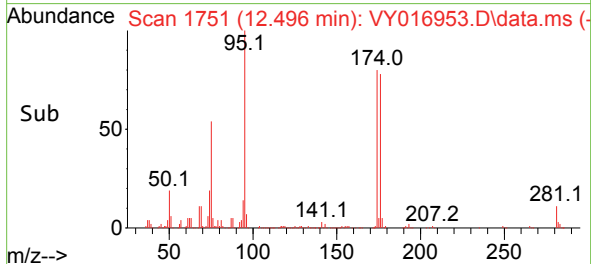
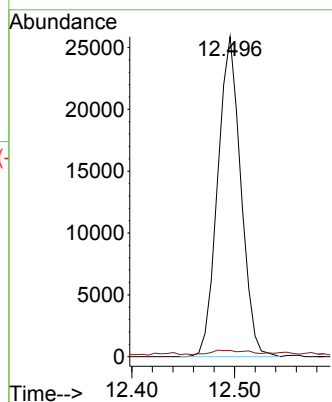
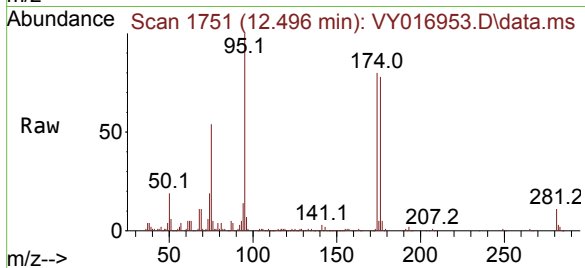




#76
1,2,3-Trichloropropane
Concen: 39.583 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. -0.146 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

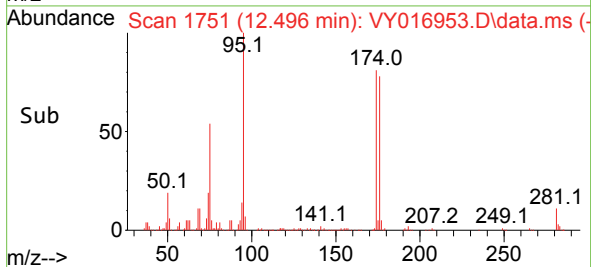
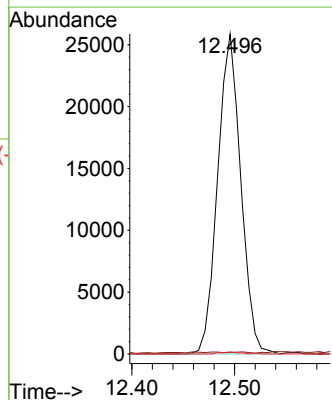
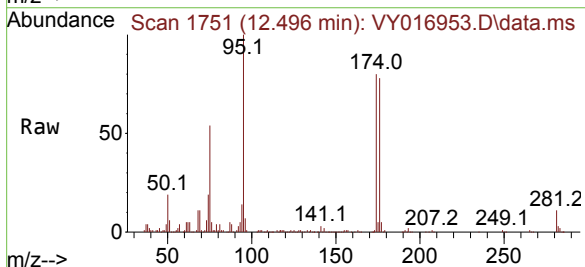
Instrument :
MSVOA_Y
ClientSampleId :

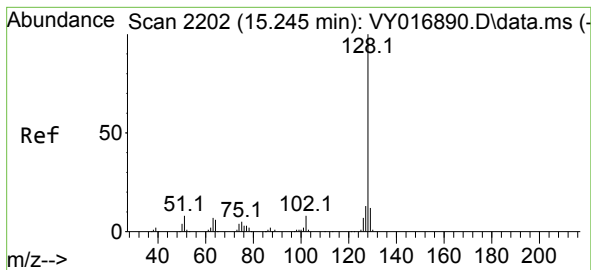
Tgt Ion: 75 Resp: 40377
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 89.883 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.111 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

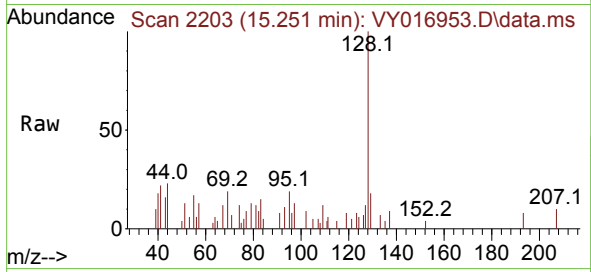
Tgt Ion: 75 Resp: 40377
Ion Ratio Lower Upper
75 100
53 0.3 74.0 111.0#
89 0.6 36.5 54.7#





#95
Naphthalene
Concen: 1.718 ug/l
RT: 15.251 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY016953.D
Acq: 09 Jan 2024 16:58

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 2793
Ion Ratio Lower Upper
128 100
127 13.6 10.2 15.4
129 14.2 8.6 12.8#

